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## LeaderBoard & Prev Day Solution

DAILY CHALLENGE

ProgramID- 5133



SkillRack

### Matrix Non-Border Elements Sum

An integer matrix of size  $R \times C$  is passed as the input to the program. The program must print the sum of elements which are not present in the border of the matrix.

#### Boundary Condition(s):

 $2 \leq R, C \leq 50$ 

#### Input Format:

The first line contains the value of  $R$  and  $C$  separated by space(s).  
The next  $R$  lines contain  $C$  integers each separated by space.

#### Output Format:

The first line contains the sum of elements which are not present along the border.

#### Example Input/Output 1:

Input:

```
4 4
18 5 5 21
23 24 1 25
8 5 15 17
23 4 29 2
```

Output:

```
45
```

Explanation:

The elements which are not present along the border are 24 1 5 15.

Hence the output is  $24+1+5+15 = 45$ .

### Example Input/Output 2:

Input:

5 6

93 60 84 26 22 95

99 96 86 90 34 0

0 83 63 10 74 75

36 35 98 4 22 18

20 8 27 94 64 30

Output:

695

**Max Execution Time Limit: 5000 millisecs**



Ambiance



Java ( 12.0)



Reset

```
1 import java.util.*;
2 public class Hello {
3
4     public static void main(String[] args) {
5         Scanner sc=new Scanner(System.in);
6         int n=sc.nextInt();
7         int m=sc.nextInt();
8         int arr[][]=new int[n][m];
9         int sum=0;
10        for(int i=0;i<n;i++){
11            for(int j=0;j<m;j++){
12                arr[i][j]=sc.nextInt();
13                if(i==0 || j==0 || i==n-1 || j==m-1){
14
15                }
16                else{
17                    sum+=arr[i][j];
18                }
19            }
20        }
21        System.out.print(sum);
22
23    }
24 }
```

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Save

Run

☐ Run with a custom test case (Input/Output)